

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 02-182259

(43)Date of publication of application : 16.07.1990

(51)Int.Cl.

A61L 15/58

A61F 13/02

A61F 13/02

(21)Application number : 64-000518

(71)Applicant : UBE IND LTD

(22)Date of filing : 06.01.1989

(72)Inventor : SHIMOMURA YASUSHI

AKIBA YOSHIICHI

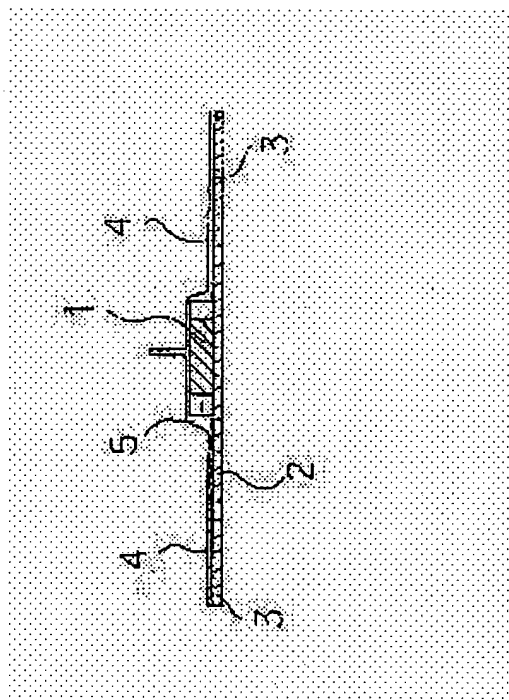
## (54) HEMOSTATIC STICKING PLASTER

### (57)Abstract:

**PURPOSE:** To obtain a hemostatic sticking plaster not almost dissolved in blood or body fluids by foaming a solution of gelatin and/or collagen and freeze-drying the same to form sponge and immersing the sponge in an org. solvent solution of a crosslinking agent and subsequently crosslinking the impregnated sponge to bond the same to a sticking tape.

**CONSTITUTION:** At first, gelatin and/or collagen are dissolved in water but, temp. is pref. set to 30-40°C in the case of gelatin, and to 20-40°C in the case of collagen, and pref. concn. is 5-30wt.%. Next, a surfactant is added to this solution to foam said solution under high speed stirring but the proper addition amount of the surfactant is 0.1-30% by wt. of the aqueous

solution. This foamed solution is cast in a mold or extruded into a cylindrical shape to be subjected to foam molding and freeze-dried to form sponge. This sponge is immersed in an org. solvent solution of a crosslinking agent and crosslinked to obtain a crosslinked sponge 1 which is, in turn, bonded to a sticking tape by a sticking agent or an adhesive. A release tape 4 is used in order to protect a sticking layer 3, the crosslinked sponge 1 and a water absorbable polymer layer 5 before use.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office